

# SEQUENCE LISTING

<110> Croce, Carlo

<120> TCL-1b Gene and Protein and Related Methods and Compositions

<130> CRO01.NP003

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<150> PROVISION 60/124,714

<151> 1999-03-15

<160> 63

<170> PatentIn Ver. 2.1

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<223> Description of Artificial Sequence:PCR primer

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<223> Description of Artificial Sequence:PCR primer

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<210> 10

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<210> 12  
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<223> Description of Artificial Sequence:murien Tcl1  
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<223> Description of Artificial Sequence:murine RACE  
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<400> 36  
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<223> Description of Artificial Sequence:PFGE primer for  
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35 40 45

Ala Ser Gln Gly Ser Arg Tyr Glu Pro Ser Ile Thr Val His Leu Trp  
50 55 60

Gln Met Ala Val His Thr Arg Glu Leu Leu Ser Ser Gly Gln Met Pro  
65 70 75 80

Phe Ser Gln Leu Pro Ala Val Trp Gln Leu Tyr Pro Gly Arg Lys Tyr  
85 90 95

Arg Ala Ala Asp Ser Ser Phe Trp Glu Ile Ala Asp His Gly Gln Ile  
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Asp Ser Met Glu Gln Leu Val Leu Thr Tyr Gln Pro Glu Arg Lys Asp  
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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<400> 41

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<212> PRT

<213> Homo sapiens

<400> 42

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Asp Glu Val Phe Pro Asp Pro Asp Leu Leu His Val Leu Pro Val Ala
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Leu His Ser Ser Met Lys Asn Arg Pro Phe Phe Ser Leu Ile Tyr Thr  
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<211> 2078

<212> DNA

<213> Homo sapiens

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<211> 1058

<212> DNA

<213> mouse

<400> 49

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**6**

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<400> 57

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Val Ser Val Arg Leu Gly Ile Tyr Glu Asp Glu His His Arg Val Trp  
 20 25 30

Ile Val Ala Asn Val Glu Thr Ser His Ser Ser His Gly Asn Arg Arg  
 35 40 45

Arg Thr His Val Thr Val His Leu Trp Lys Leu Ile Pro Gln Gln Val  
 50 55 60

Ile Pro Phe Asn Pro Leu Asn Tyr Asp Phe Leu Pro Thr Thr Trp Lys  
 65 70 75 80

Leu Glu Ser Arg Asn Ile Tyr Trp Ala Thr Asp Gly Thr His Trp Arg  
 85 90 95

Leu Leu Asp His Ser Gln Leu Gly Asp Thr Glu Gln Leu Ile Leu Met  
 100 105 110

Leu Val Leu Gly

115

<210> 58  
<211> 129  
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<213> mouse

<400> 58

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Val Ser Val Arg Leu Gly Ile Tyr Glu Asp Glu His His Arg Val Trp  
20 25 30

Ile Val Ala Asn Val Glu Thr Ser His Ser Ser His Gly Asn Arg Arg  
35 40 45

Arg Thr His Val Thr Val His Leu Trp Lys Leu Ile Pro Gln Gln Val  
50 55 60

Ile Pro Phe Asn Pro Leu Asn Tyr Asp Phe Leu Pro Thr Thr Trp Lys  
65 70 75 80

Leu Glu Ser Arg Asn Ile Tyr Trp Ala Thr Asp Gly Thr His Trp Arg  
85 90 95

Leu Leu Asp His Ser Gln Val Leu Ile Ala Trp Leu Ala Pro Ala Pro  
100 105 110

Val Pro Ser Gly Arg Leu Cys Thr His Pro Ser Val Cys Ser Ser Ser  
115 120 125

Phe

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<400> 59

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Ile Ser Thr Gly Pro Gly Phe Tyr Glu Asp Glu His His Arg Leu Trp  
20 25 30

Met Val Ala Lys Leu Glu Thr Cys Ser His Ser Pro Tyr Cys Asn Lys  
35 40 45

Ile Glu Thr Cys Val Thr Val His Leu Trp Gln Met Thr Arg Tyr Pro  
50 55 60

Gln Glu Pro Ala Pro Tyr Asn Pro Met Asn Tyr Asn Phe Leu Pro Met  
65 70 75 80

Thr Trp Arg Leu Ala Ser Met Asn Thr Tyr Arg Gly Thr Asp Ala Met  
85 90 95

His Trp Arg Leu Leu Asn His Ser Gln Val Gly Asp Thr Val Gln Leu  
100 105 110

Ile Leu Met Leu Glu  
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<211> 122

<212> PRT

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<400> 60

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Leu Val Cys Thr Arg Asp Asp Ile Tyr Glu Asp Glu Asn Gly Arg Gln  
20 25 30

Trp Val Val Ala Lys Val Glu Thr Ser Arg Ser Pro Tyr Gly Ser Arg  
35 40 45

Ile Glu Thr Cys Ile Thr Val His Leu Gln His Met Thr Thr Ile Pro  
50 55 60

Gln Glu Pro Thr Pro Gln Gln Pro Ile Asn Asn Asn Ser Leu Pro Thr  
65 70 75 80

Met Trp Arg Leu Glu Ser Met Asn Thr Tyr Thr Gly Thr Asp Gly Thr  
85 90 95

Tyr Trp Arg Leu Leu Asp His Ser Gln Met Gly Asp Thr Leu Gln Leu  
100 105 110

Ile Leu Asp Ile Val Ile Cys Glu Val Asp



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 <213> mouse

<400> 61

Met Arg Leu Ser Gly His Arg Gly Leu Gln Trp Ala Ser Leu Arg Phe  
 1 5 10 15

Ser Gly His Arg Ala Leu Gln Arg Ala Ser Leu Lys Leu Ser Gly His  
 20 25 30

Leu Ile Glu Thr Cys Ile Thr Val His Leu Gln His Met Thr Thr Ile  
 35 40 45

Pro Gln Glu Pro Thr Pro Gln Gln Pro Ile Asn Asn Asn Ser Leu Pro  
 50 55 60

Thr Met Trp Arg Leu Glu Ser Met Asn Thr Tyr Thr Gly Thr Asp Gly  
 65 70 75 80

Thr Tyr Trp Arg Leu Leu Asp His Ser Gln Met Gly Asp Thr Leu Gln  
 85 90 95

Leu Ile Leu Asp Ile Val Ile Cys Glu Val Asp  
 100 105

<210> 62  
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<400> 62

Met Pro Phe Pro Pro Cys Phe Leu Val Cys Thr Arg Asp Asp Ile Tyr  
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Glu Asp Glu His Gly Arg Gln Trp Val Ala Ala Lys Val Glu Thr Ser  
 20 25 30

Ser His Ser Pro Tyr Cys Ser Lys Ile Glu Thr Cys Val Thr Val His  
 35 40 45

Leu Trp Gln Met Thr Thr Leu Phe Gln Glu Pro Ser Pro Asp Ser Leu  
 50 55 60

Lys Thr Phe Asn Phe Leu Pro Arg Thr Trp Arg Leu Glu Ser Arg Asn  
 65 70 75 80

Thr Tyr Arg Gly Ala Asp Ala Met His Trp Arg Leu Val Asn His Ser  
 85 90 95

Gln Phe Tyr Gly Thr Glu Glu Leu Val Leu Met Leu Asp Ser Arg Ser  
 100 105 110

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<400> 63  
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Val Ser Val Ser Leu Gly Ile Tyr Glu Asp Glu His His Arg Val Trp  
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Ile Ala Val Asn Val Glu Thr Ser His Ser Ser His Gly Asn Arg Ile  
 35 40 45

Glu Thr Cys Val Thr Val His Leu Gln His Met Thr Thr Leu Pro Gln  
 50 55 60

Glu Pro Thr Pro Gln Gln Pro Ile Asn Asn Asn Ser Leu Pro Thr Met  
 65 70 75 80

Trp Arg Leu Glu Ser Arg Asn Thr Tyr Thr Gly Thr Asp Gly Thr Tyr  
 85 90 95

Trp Arg Leu Leu Asp His Ser Gln Met Gly Asp Thr Val Gln Leu Thr  
 100 105 110

Leu Asp Ile Ile Ile Gly Glu Asp Asp  
 115 120